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501.35286C14

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: C. MIYAZAKI et al

Serial No. 10/058,319

Filed: January 30, 2002

For: SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD  
THEREOF

Art Unit: 2827

Examiner: L. THAI

THIRD INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner For Patents  
Washington, D.C. 20231

November 25, 2002

Sir:

In the matter of the above-identified application, applicants, through their undersigned representative, are submitting herewith copies and a listing therefor, in equivalent Form PTO-1449, of three (3) additional U.S. patent documents, for the USPTO's consideration. Those U.S. patent documents were cited in recent Office Actions in connection with several ones of the related applications having as a basis the same original application as that of the present application. For example, listed USP 5,040,052 and USP 5,191,404 are of record in U.S. Appln. Ser. No. 09/771,985; and listed USP 5,760,465 is of record in U.S. Appln. Ser. No. 10/058,709. (Those two related applications are included in the complete listing of related applications in the

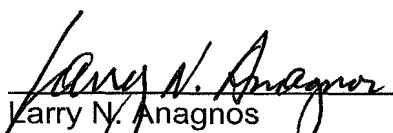
paper entitled, "Cross-Reference to Related Applications," filed at the time of filing the above-identified application.

This Information Disclosure Statement (IDS), is being submitted prior to the mailing of either a final action on the merits or an Official Notice of Allowance and, accordingly, is in compliance with 37 CFR §1.97(c). (An authorized credit card payment form covering the fee amount of \$180.00 set forth in 37 CFR §1.17(p) is enclosed herewith.)

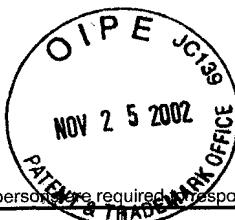
It is submitted, this IDS is in compliance with the rules of practice as well as with USPTO guidelines; therefore, applicants respectfully request that it be entered and duly considered by the USPTO. Also, acknowledgement of such entry as well as of formal consideration thereof by the Examiner is respectfully requested, furthermore.

If any costs are due in accordance with the filing of this Information Disclosure Statement, please charge the same to the account of Antonelli, Terry, Stout & Kraus, LLP, Account No. 01-2135 (501.35286C14).

Respectfully submitted,  
**ANTONELLI, TERRY, STOUT & KRAUS, LLP**

  
Larry N. Anagnos  
Registration No. 32,392

LNA/dks  
(703-312-6600)



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	10/058,319
		Filing Date	January 30, 2002
		First Named Inventor	MIYAZAKI, CHUICHI
		Art Unit	2827
		Examiner Name	L. THAI
Sheet 1 of 1	Attorney Docket Number	501.35286C14	

U.S. PATENT DOCUMENTS						
Examiner Initials'	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)				
		US- 5,040,052		08/13/1991	McDavid	
		US- 5,191,404		03/02/1993	Wu et al	
		US- 5,760,465		06/02/1998	Alcoe et al	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials'	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> –Number <sup>4</sup> –Kind Code <sup>5</sup> (if known)				

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard St.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Serial No. 10/058,319

Filed: January 30, 2002

For: SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD  
THEREOF

Art Unit: 2827

Examiner: L. THAI

**FOURTH INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner For Patents  
Washington, D.C. 20231

November 25, 2002

Sir:

In the matter of the above-identified application, applicants, through their undersigned representative, are submitting herewith a copy and a listing therefor of two (2) U. S. Patent documents, in equivalent Form PTO-1449, which were recently cited in an International Search Report in connection with a counterpart foreign application for the USPTO's consideration. A copy of the Search Report of the Australian Patent Office, citing those two U.S. Patent documents, is also enclosed herewith as **Attachment A**. Also enclosed herewith, in order to complete the record and in keeping with the duty of disclosure/candor requirements, is a copy of another International

Search Report from the Australian Patent Office directed to a further counterpart foreign application citing four (4) U.S. Patent documents and a Japanese Laid Open Application (see **Attachment B**). It is noted, however, that those five (5) cited documents in the search report related to Attachment B were earlier made of record in the present application in the listing of art documents in the originally submitted IDS, at the time of filing of the above-identified application. Therefore, for purposes of this IDS, only the two U.S. Patent documents cited in the above first-mentioned search report (Attachment A) are being cited herein.

This Information Disclosure Statement (IDS), is being submitted prior to the mailing of either a final action on the merits or an Official Notice of Allowance.

Accordingly, this IDS is in compliance with 37 CFR §1.97(c).

The following statement as specified under 37 CFR §1.97(e)(1) is being made:


*Upon information and belief, the undersigned submits that each item of information contained in this Information Disclosure Statement (IDS) was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to the filing of this IDS.*

It is submitted, this IDS is in compliance with the rules of practice as well as with USPTO guidelines; therefore, applicants respectfully request that it be entered and duly considered by the USPTO. Also, acknowledgement of such entry as well as of formal consideration thereof by the Examiner is respectfully requested, furthermore.

If any costs are due in accordance with the filing of this Information Disclosure Statement, please charge the same to the account of Antonelli, Terry, Stout & Kraus,

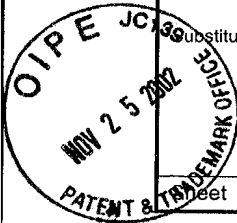
LLP, Account No. 01-2135 (501.35286C14).

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Filing Date		January 30, 2002	
First Named Inventor		MIYAZAKI, CHUICHI	
Art Unit		2827	
Examiner Name		L. THAI	
Attorney Docket Number		501.35286C14	

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Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)				
		US-	5,107,325 A	04-21-1992	Nakayoshi	
		US-	5,409,865	04-25-1995	Karnazos	
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		Country Code <sup>3</sup> —Number <sup>4</sup> —Kind Code <sup>5</sup> (if known)				
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